

At the end of the day...

Back at the depot, the system also speeds settlement. It produces a final sales report itemizing the entire day's activities on a single slip of paper. The salesman merely compares his cash, checks and charges against the system's totals. If they match, he's done for the day.

Instead of spending an hour in the settlement room, he's through in 10 to 15 minutes. And he leaves knowing everything is accurate to the penny.

That means salesmen have fewer cash shortages, a larger paycheck and improved job satisfaction. Once they try it, they'll never want to go back to the old way of working.

Aids management, too.

The line-item details collected by the Route-commander system can be processed at night by personal computers at your depots. Or, it can be sent directly to your company's home office or regional computers.

Daily summary reports give supervisors greater control over route productivity and inventory. The same data can be used to generate sophisticated management reports. That information can aid marketing efforts and help plan production more efficiently.

It's essential to running a "market driven" company. It lets you provide the right product to the right customer at the right time... the secret of success.

Since data is telecommunicated directly, costly keypunching and errors are eliminated. And statements can be mailed sooner to speed up cash flow.

"Electronic mail" brings your organization together.

Has this ever happened to you? Your merchandisers negotiate a promotion with a chain customer. When the promotion is scheduled to start, route salesmen fail to set up a special display and leave extra product.



Perhaps they were never notified... or perhaps they simply forgot. Either way, it doesn't reflect well on your company.

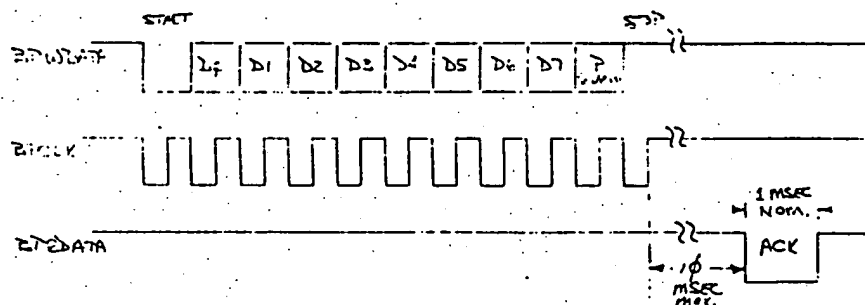
The Route-commander system assures communications via "electronic mail." Messages and instructions can be transmitted from headquarters to supervisors at depots. Or, to salesmen on the route where they appear at appropriate stops.

No more missed sales. No more customer disappointment.

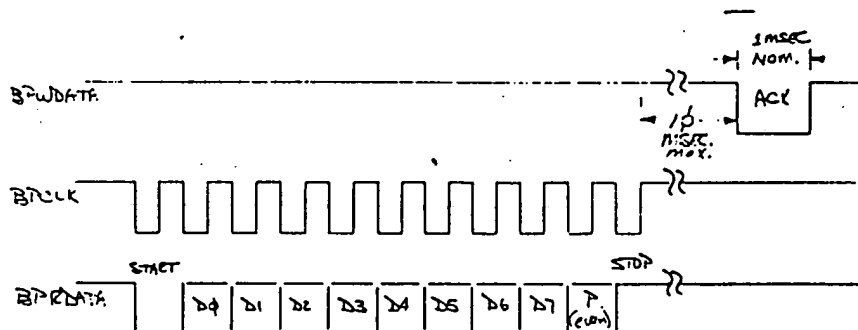


APPENDIX B

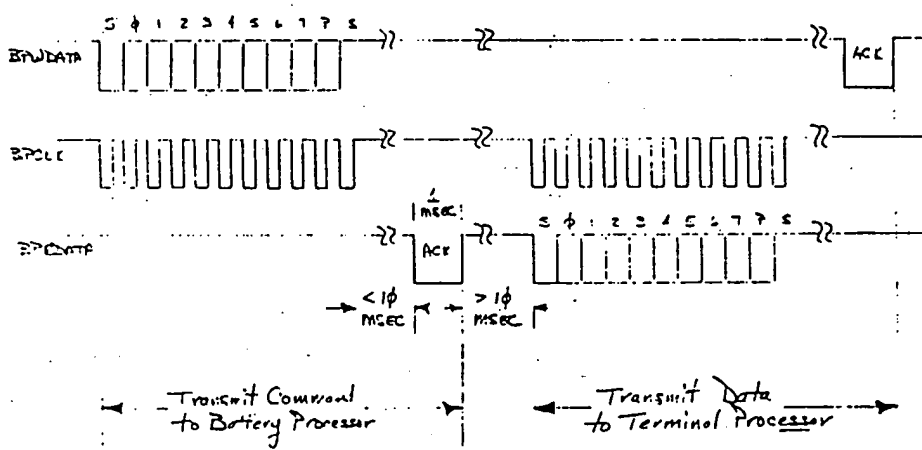
STEVEN E. KOENICK
APPLICATION FOR PATENT "BATTERY
CONDITIONING SYSTEM HAVING
COMMUNICATION WITH BATTERY
PARAMETER MEMORY MEANS IN
CONJUNCTION WITH BATTERY
CONDITIONING" ATTY. DOCKET 5717-Y



Terminal to Battery Processor Communication

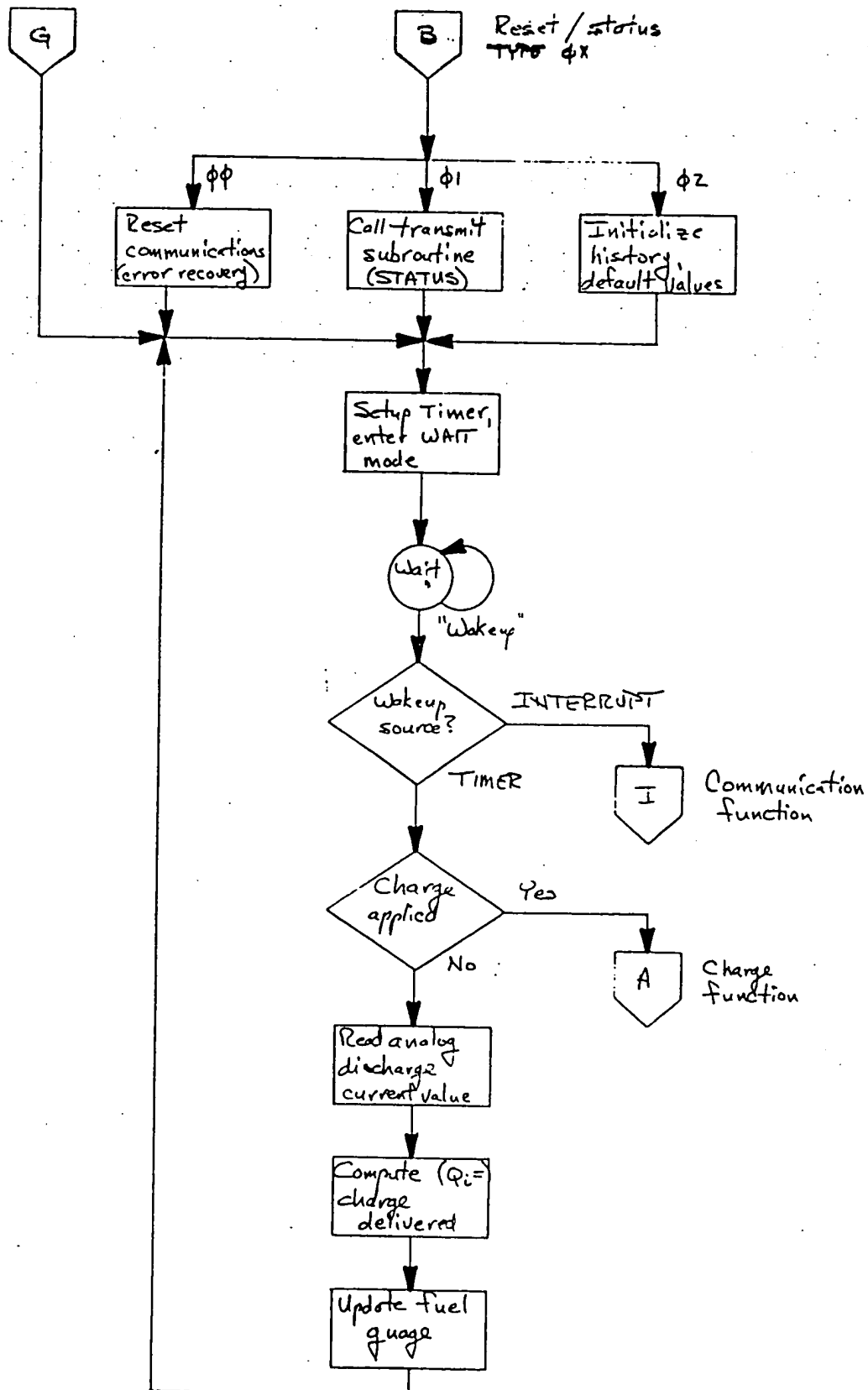


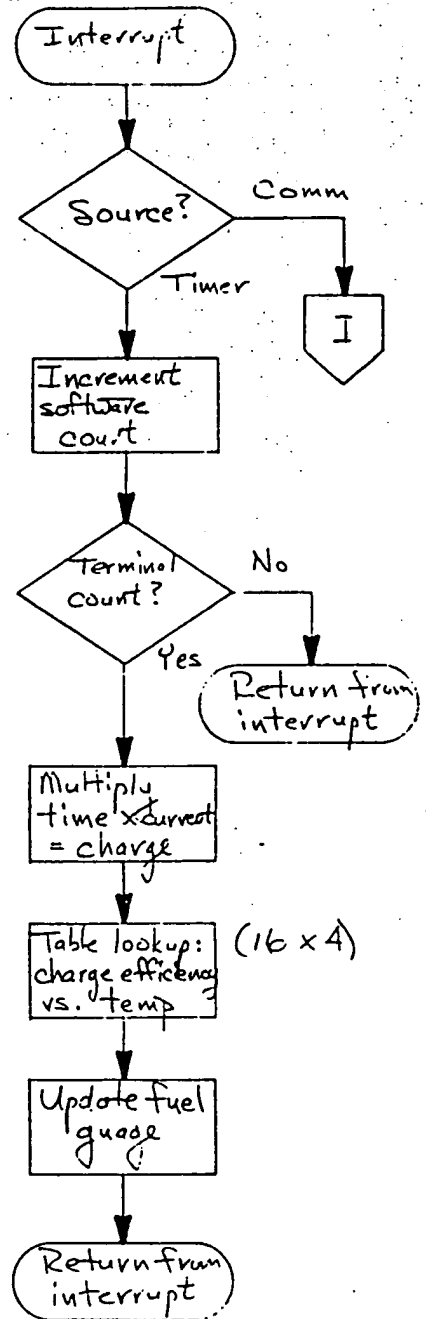
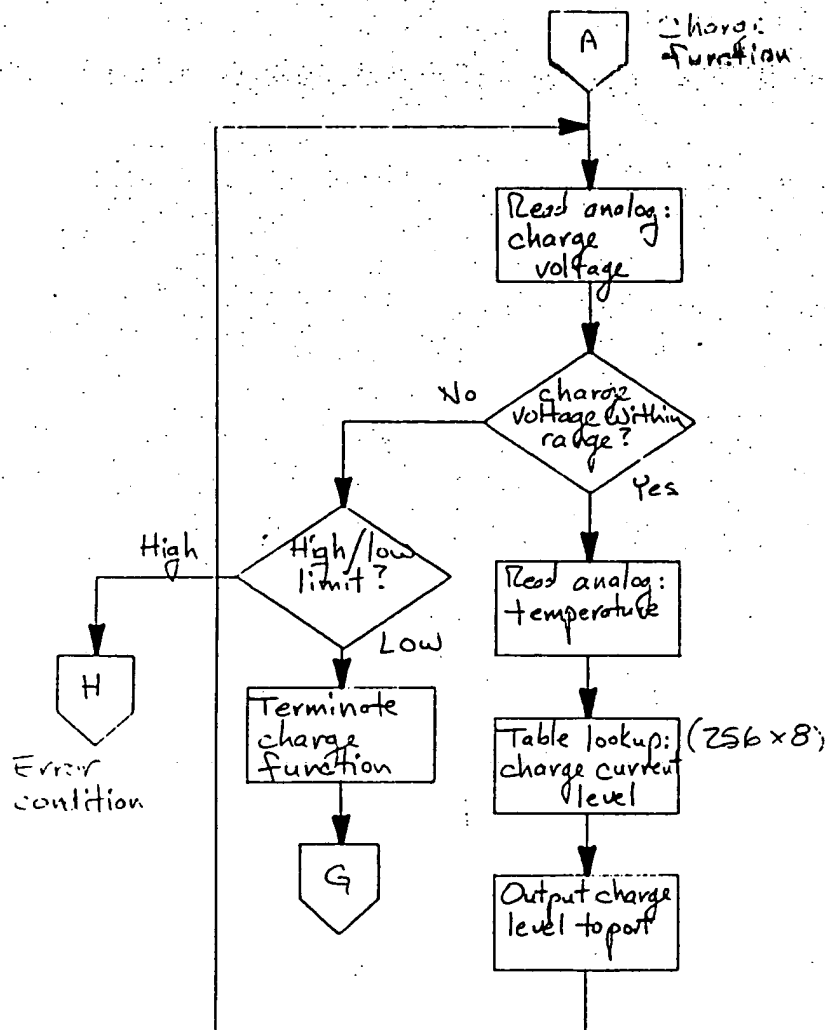
Battery Processor to Terminal Communication



Command/Response Communication Protocol

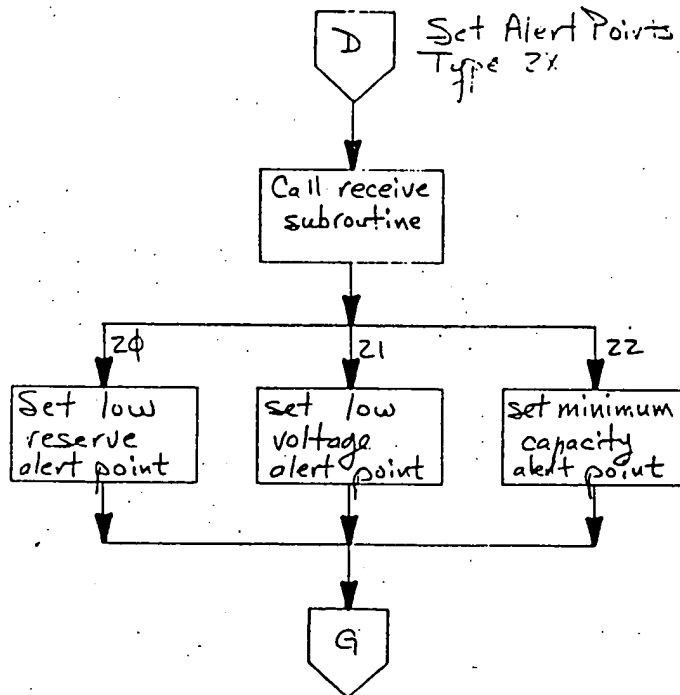
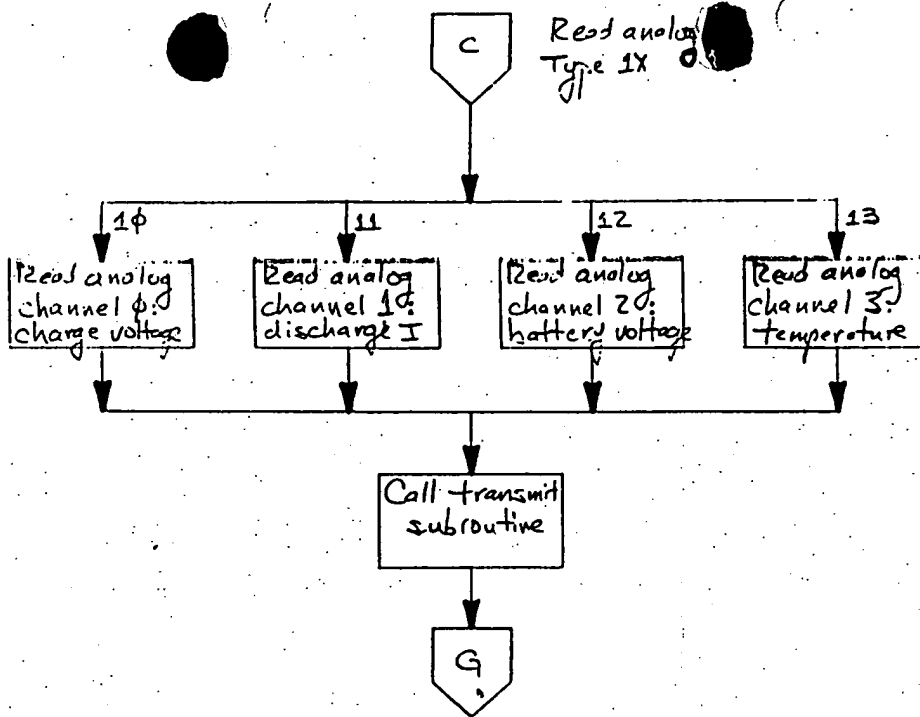
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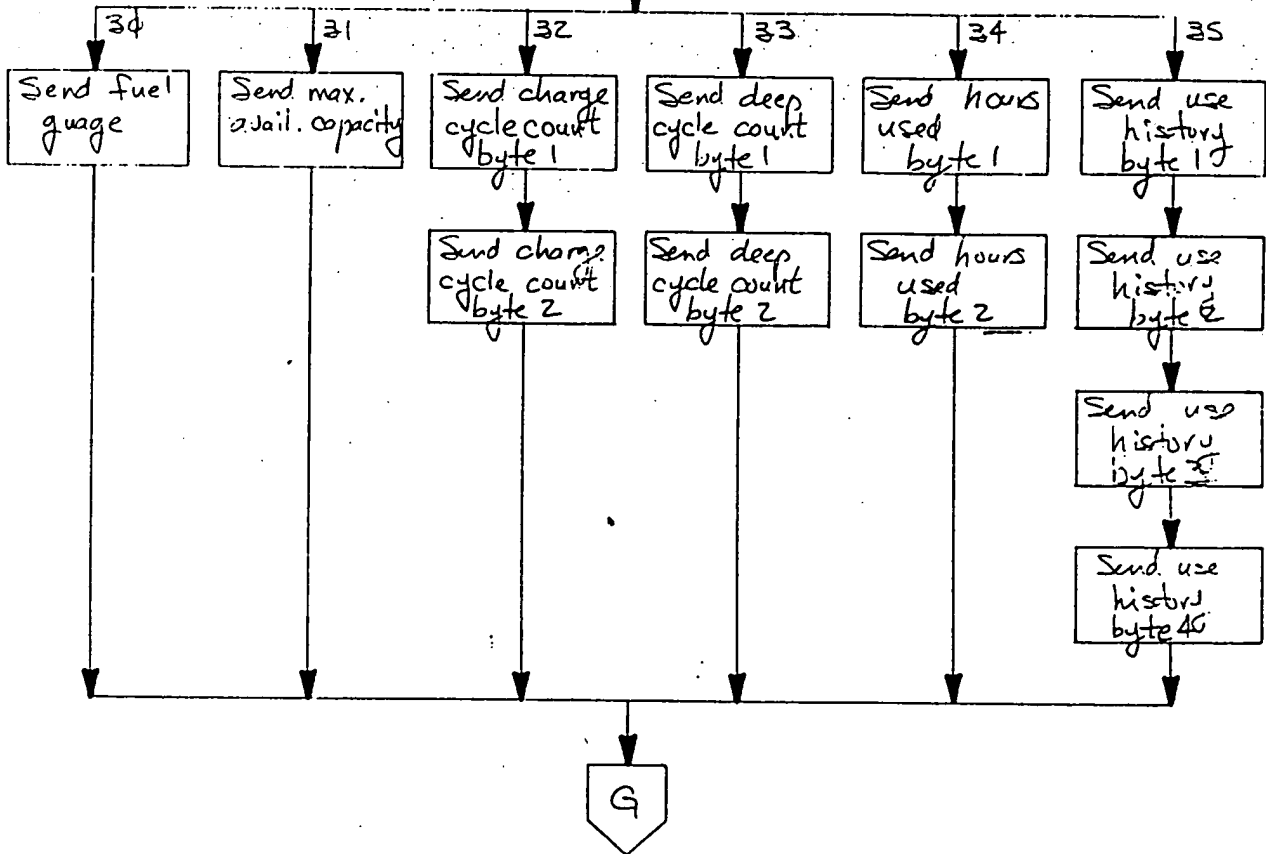


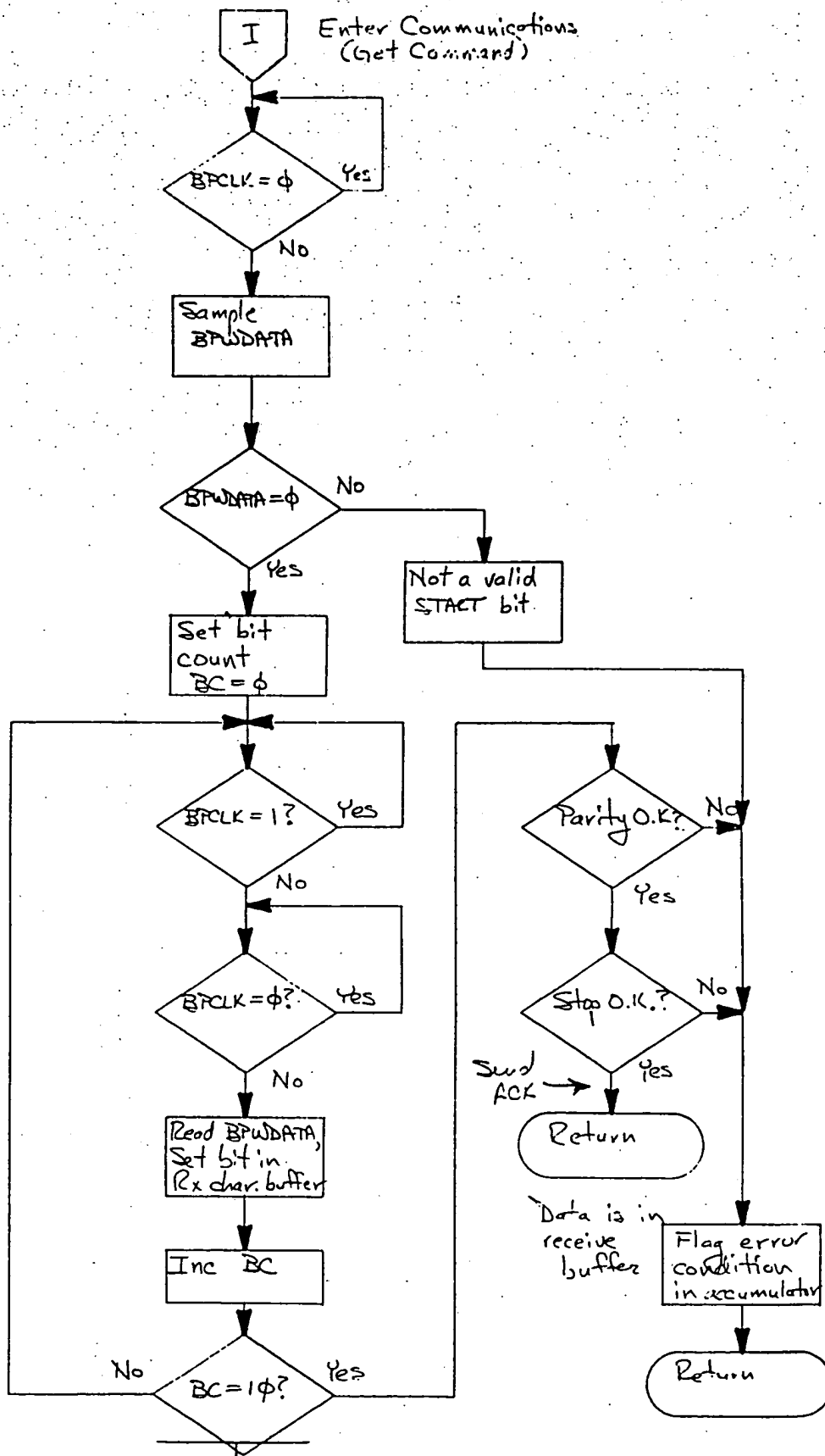
Note: Processor does not enter WAIT condition during charge.

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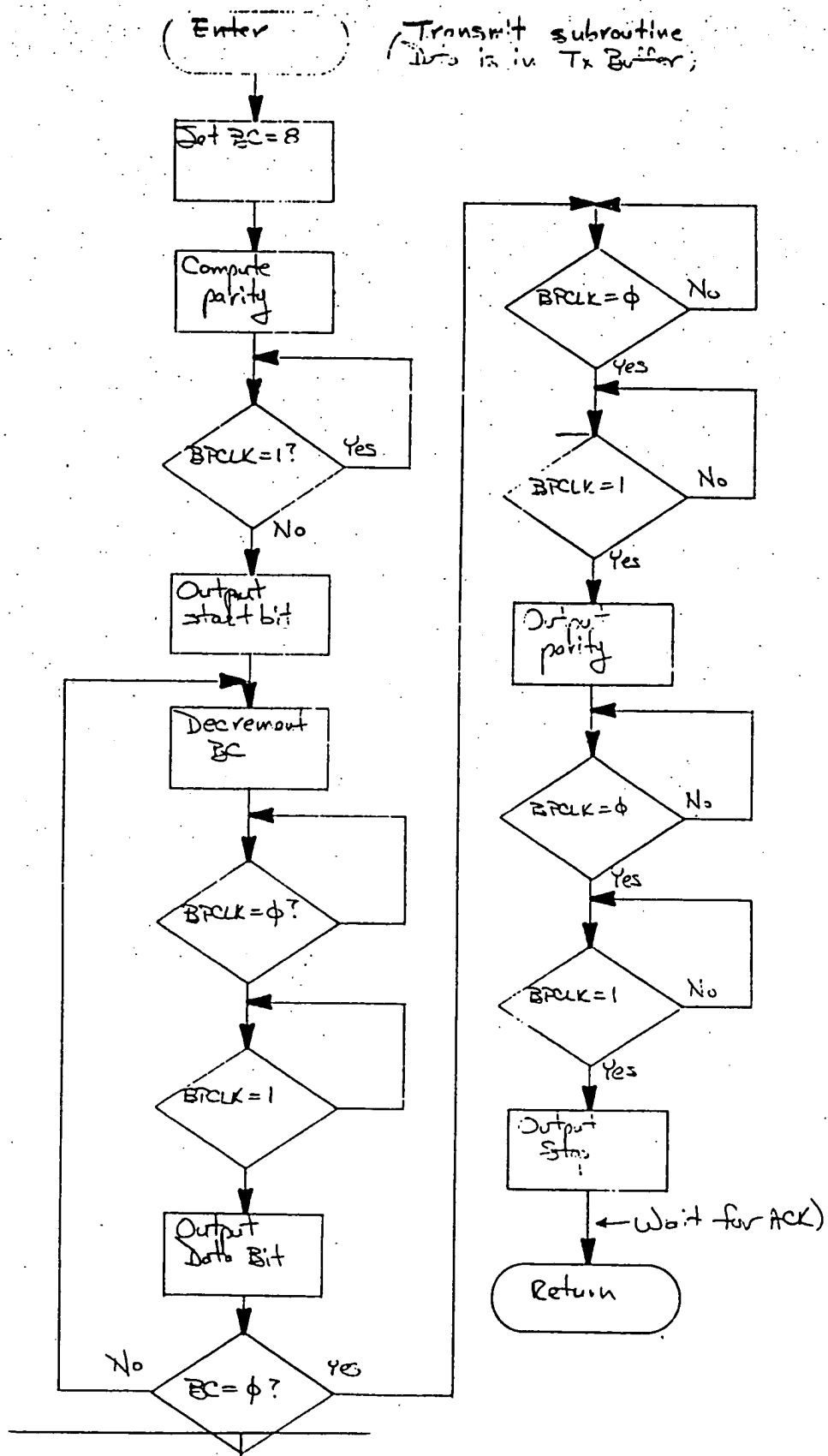


E Read history
Type 3X





1. *What is the purpose of the study?*
 2. *What are the research questions or hypotheses?*
 3. *What is the study design?*
 4. *What is the sample size and how was it selected?*
 5. *What are the variables being studied?*
 6. *What are the data collection methods?*
 7. *What are the results of the study?*
 8. *What are the conclusions and implications of the study?*
 9. *What are the limitations of the study?*
 10. *What are the strengths of the study?*
 11. *What are the future research directions?*
 12. *What are the ethical considerations?*
 13. *What are the funding sources?*
 14. *What are the conflicts of interest?*
 15. *What are the acknowledgments?*
 16. *What are the references?*
 17. *What are the appendices?*
 18. *What are the tables and figures?*
 19. *What are the footnotes?*
 20. *What are the glossary and abbreviations?*
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Charge level lookup table:

Input variables:

1. Temperature
2. Charge voltage
3. Fuel guage

1. Temperature: table increments of $4^{\circ}\text{C} \times 16 \text{ steps} = 64^{\circ}\text{C}$, -14°C to $+50^{\circ}\text{C}$
temperatures below -14°C use -14°C value
temperatures above $+50^{\circ}\text{C}$ use $+50^{\circ}\text{C}$ value

2. Charge voltage: table increments of $1.28 \text{ volts} \times 8 \text{ steps} = 10.24 \text{ Volts}$
 $7.0 < V_{\text{CHG}} < 17.24 \text{ V.}$

voltages below 7 volts or above 17.24 volts will cause the charge level to be turned off and an error condition to be transmitted to the terminal processor

3. Fuel guage: 4 steps:

- 0-25%
- 25-50%
- 50-75%
- 75-100%

TABLE OUTPUT: 4 bits, binary weighted
charge level = 32 ma/step
 $0 \leq I_{\text{CHG}} \leq 480 \text{ ma}$

TABLE SIZE:

$$16 \times 8 \times 2 = 256 \text{ Bytes}$$

①	②	③
Temp	Chg voltage	%C (4 nibbles)

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